



DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No.

24-NS-120423-6

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SYSTEMS AND METHODS FOR ESTIMATING HELIUM PRODUCTION IN SHROUDS OF NUCLEAR REACTORS**, the specification of which:

(check one) ☐ is attached hereto

☒ was filed on November 14, 2003 as Application Serial No. 10/714,417,
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).

I hereby claim priority benefits under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112. I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status (patented, pending, abandoned)
<u>10/210,214</u>	<u>July 31, 2002</u>	<u>Pending</u>

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date	Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.
_____	_____	_____

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)

Ronald E. Myrick, Reg. No. 26,315; Henry J. Policinski, Reg. No. 26,621; and James W. Mitchell, Reg. No. 25602, all of General Electric Company, 3135 Easton Turnpike, Fairfield, CT 06431; James E. McGinness, Reg. No. 33,260, GE Nuclear Energy, PO Box 780, 3901 Castle Hayne Road, M/CA11, Wilmington, NC 28401; John S. Beulick, Reg. No. 33,338; Patrick W. Rasche, Reg. No. 37,916; Michael Tersillo, Reg. No. 42,180; Bruce T. Atkins, Reg. No. 43,476; Robert B. Reeser, III, Reg. No. 45,548, Thomas M. Fisher, Reg. No. 47,564 and Daniel M. Fitzgerald, Reg. No. 38,880, all of Armstrong Teasdale, One Metropolitan Square, Suite 2600, St. Louis, MO 63102-2740

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John S. Beulick
314/621-5070

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

SOLE OR FIRST INVENTOR:

Full Name: Shivakumar SitaramanSignature:  Date: March 17, 2004Residence: San Jose, CA 95120Citizenship: U.S.A.Post Office Address: 6459 Oakcrest Drive, San Jose, CA 95120

SECOND OR JOINT INVENTOR:

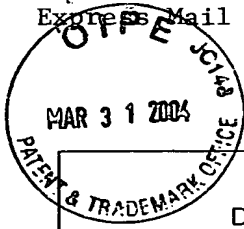
Full Name: Ren-Tai ChiangSignature:  Date: March 17, 2004Residence: San Jose, CA 95120Citizenship: U.S.A.Post Office Address: 1524 Pam Lane, San Jose, CA 95120

THIRD JOINT INVENTOR:

Full Name: Alton Lewis Jenkins

Signature: _____ Date: _____

Residence: Huntersville, NC 28078Citizenship: U.S.A.Post Office Address: 12930 Cadgwith Cove Drive, Huntersville, NC 28078



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SOLE OR FIRST INVENTOR:

Full Name: Shivakumar Sitaraman

Signature: _____ Date: _____

Residence: San Jose, CA 95120Citizenship: U.S.A.Post Office Address: 6459 Oakcrest Drive, San Jose, CA 95120

SECOND OR JOINT INVENTOR:

Full Name: Ren-Tai Chiang

Signature: _____ Date: _____

Residence: San Jose, CA 95120Citizenship: U.S.A.Post Office Address: 1524 Pam Lane, San Jose, CA 95120

THIRD JOINT INVENTOR:

Full Name: Alton Lewis JenkinsSignature: Alton Lewis Jenkins Date: 3/13/2004Residence: Huntersville, NC 28078Citizenship: U.S.A.Post Office Address: 12930 Cadgwith Cove Drive, Huntersville, NC 28078